

**GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA**

UNSTARRED QUESTION NO:4009
ANSWERED ON:18.04.2002
PRODUCTION TARGETS FIXED BY ONGC AND OIL
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Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) the production target fixed by the ONGC and OIL for the next five years for reserve accretion;
- (b) the manner in which ONGC and OIL are going to achieve the target;
- (c) whether any action plan has been formulated in this regard; and
- (d) if so, the details thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS AND MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS (SHRI SANTOSH KUMAR GANGWAR)

(a) to (d): Details are given in Statement annexed.

Statement referred to in reply to parts (a) to (d) of Lok Sabha Unstarred Question No. 4009 to be answered on 18.04.2002 regarding Production Targets Fixed by ONGC and OIL

(a): Targets fixed by Oil & Natural Gas Corporation Ltd. (ONGC) and Oil India Ltd. (OIL) for the next five years for reserve accretion and production of oil and natural gas, are given below:-

ONGC OIL

Inplace reserve accretion (MMTOE)	562-577	110-123.5
Crude oil production (MMT)	130.026	18.70
Gas production (BCM)	112.105	12.61

MMTOE : Million Metric Tonne Oil Equivalent
MMT : Million Metric Tonne
BCM : Billion Cubic Metre

(b): The programme formulated by ONGC and OIL to achieve the targets set for reserve accretion and oil and gas production, is as follows:

I. Reserve accretion:

A. ONGC : ONGC has formulated an acreage-specific exploration programme to achieve the target set for reserve accretion, considering the following:

- Petroleum Exploration Licence(PEL) and Mining Lease(ML) areas currently held as well as PEL areas awarded to them under the New Exploration Licensing Policy (NELP)-1999 and 2000 Rounds; and

- Open acreages available in various basins which are likely to be offered under future NELP and / or Open Acreage Rounds.

B. OIL: For achieving the target for accretion to inplace reserve OIL has plans to carry out intensive and extensive exploratory work in the coming years with coverage of both unexplored areas as well as explored areas for identification of new plays. The priority areas are as under:-

(i) In the North East, to venture into logistically difficult and geologically more complex frontier areas such as rain soaked jungles in the Belt of Schuppen, hilly terrain, Brahmaputra river bed, township/thickly populated areas etc., which are poorly explored/unexplored areas.

(ii) Exploratory drilling in the geologically older formations at a deeper depth in already discovered oilfield in South Bank of river Brahmaputra for new plays.

(iii) Additional exploratory activities in the North Bank of river Brahmaputra in Assam.

(iv) Additional Exploratory efforts in the category III basins namely Ganga Valley, U.P./Uttaranchal, Saurashtra Offshore and Mahanadi onshore.

(v) To probe new structural-cum-stratigraphic traps in Upper Assam basin and also in the eastern part of Jaisalmer basin, Bikaner-Nagaur basin and east of Ramgarh fault in the Rajasthan.

(vi) Exploration in deep water through Joint Venture.

OIL will try to increase its acreage through aggressive bidding in coming rounds of NELP/open acreage system for extensive exploration and more coverage.

II. Oil and gas production:

(i) ONGC : ONGC's strategy to achieve oil and gas production target includes:

- Optimization of production from old and ageing fields.
- Implementation of Improved Oil Recovery (IOR)/Enhanced Oil Recovery (EOR) schemes in major fields.
- Putting small/marginal fields on stream.
- Improvement in global recovery factor.
- Use of cost effective and cutting edge technology.

(ii) OIL: OIL's strategy to achieve oil and gas production target includes:

- To put new discoveries immediately onto production through Quick Production System (QPS)/Early Production System (EPS), followed by immediate exploitation/development plans to exploit the newly discovered reserves depending on its size.
- Enhancement of pressure maintenance schemes, IOR/EOR Schemes, additional workover efforts, closer monitoring of reservoir and well performance, etc.
- Multi disciplinary study for revitalization of old depleting fields which by integrating with 3D seismic data will enable to identify the areas of less drained/bypassed oil, to take up IOR and EOR schemes to improve recovery.
- Implementation of suitable technique on experimental basis for production of high pour point oil discovery in Upper Assam at deeper prospects.
- Development of non-associated gas resource in Assam.

(c) & (d): The projected programme in the X Five Year Plan(2002-07) formulated by ONGC and OIL include the following:

(i) ONGC

- 45853 LK/GLK of 2D seismic survey
- 38109 sq.km. of 3D seismic survey
- Drilling of 594 exploratory and 622 development wells
- Implementation of IOR schemes in 15 major fields
- Commercial application of EOR schemes in 3 fields

- Laboratory studies/Pilot testing of IOR/EOR in other fields.

(ii) OIL

- 9075 LK/GLK of 2D seismic survey
- 2570 sq. km. of 3D seismic survey
- Drilling of 91 exploratory and 101 development wells.
- Implementation of IOR and EOR schemes in selected reservoirs.